Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR ENGINE FA		ILY	ENGINE SIZES (L)	FUEL TYPE ¹	STANDARDS & TEST	INTENDED SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6				
2009	2009 9NVXH06.4AGA		6.4	Diesel	PROCEDURE	CLASS LHDD	DDI, TC(2), CAC, ECM, EGR, OC, PTOX					
	ENGINE'S IDLE NS CONTROL			AD	DITIONAL IDLE EN		5	<u> </u>				
	ESS				N/	A						
ENGINE (L)	ENGINE MODELS / CODES (rated power, in hp)										
6.4					A325 / 325 (32							
*					*	-,						
CNG/LN CNG/LN	iG=compressed/liqui IDD=light/medium/ns nission control syste DPF=diesel particul body fuel injection; jer; CAC=charge air ule; EM=engine mo	sfied naturally heavy heavy n; TWC/(ate filter; SFVMF)=; cooler; Edification;	rai gas; LPG=liquefid y-duty diesel; UB=ur DC=three-way/oxidizi PTOX=periodic trap sequential/multi port GR / EGR-C=exhaus 2 (prefix)=parallel;	ed petroleum gas; E85=85% e ban bus; HDO=heavy duty Ott ng calalyst; NAC=NOx adsorp oxidizer; HO2S/O2S=heated/c fuel injection; DGI=direct gaso st gas recirculation / cooled EG (2) (suffix)=in series;	thanol fuel; MF=mult lo; blion calalyst; SCR-U xygen sensor; HAFS fine injection; GCAR R; PAIR/AIR=pulsed	fuel a.k.a. BF= / SCR-N=selecti/AFS=heated/a B=gaseous cart /secondary air i	R 86.abc=Title 40, Code of Federal Regulation =bi fuel; DF=dual fuel; FF=flexible fuel; tive catalytic reduction – urea / – ammonia; W iir-fuel-ratio sensor (a.k.a., universal or linear of buretor; IDI/DDI=indirect/direct diese injection njection; SPL=smoke puff limiter; ECM/PCM=	/U (prefix) ≕warm- uxygen sensor); ; TC/SC=turbo/ =engine/powertrain				
per 13 CCF	igine shutdown syste R 1956.8(a)(6)(D); E	m (per 13 xempt=ex	CCR 1956.8(a)(6)(A cempled per 13 CCR	V1): 30a=30 o/hr NOv (per 13			ll combustion auxiliary power system; ALT=al (e.g., Otto engines and vehicles);	lemative method				

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in

NMHC		NOx		NMHC+NOx		со		PM		нсно	
FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO
0.14	0.14	*	*	+	*	15.5	15.5	0.01		*	-
*	*	1.00	1.00	1.2	1.2	*	*	*	+		*
0.02	0.01	1.00	0.89	1.02	·	0.3	0.01	0.000	0.000	*	*
0.21		1.50		1.8						*	
	0.14 * 0.02	FTP EURO 0.14 0.14 * * 0.02 0.01	FTP EURO FTP 0.14 0.14 * * * 1.00 0.02 0.01 1.00	FTP EURO FTP EURO 0.14 0.14 * * * * 1.00 1.00 0.02 0.01 1.00 0.89	FTP EURO FTP EURO FTP 0.14 0.14 * * * * * 1.00 1.00 1.2 0.02 0.01 1.00 0.89 1.02	FTP EURO FTP EURO FTP EURO 0.14 0.14 * * * * * * * 1.00 1.00 1.2 1.2 0.02 0.01 1.00 0.89 1.02 0.9 0.21 1.50 1.8	FTP EURO FTP EURO FTP EURO FTP 0.14 0.14 * * * * 15.5 * * 1.00 1.00 1.2 1.2 * 0.02 0.01 1.00 0.89 1.02 0.9 0.3	FTP EURO FTP EURO FTP EURO FTP EURO FTP EURO 0.14 0.14 * * * * 15.5 15.5 * * 1.00 1.00 1.2 1.2 * * 0.02 0.01 1.00 0.89 1.02 0.9 0.3 0.01	FTP EURO FTP EURO FTP EURO FTP EURO FTP 0.14 0.14 * * * * 15.5 15.5 0.01 * * 1.00 1.00 1.2 1.2 * * * 0.02 0.01 1.00 0.89 1.02 0.9 0.3 0.01 0.000	FTP EURO FTP EURO FTP EURO FTP EURO FTP EURO FTP EURO 0.14 0.14 * * * 15.5 15.5 0.01 0.01 * * 1.00 1.00 1.2 1.2 * * * * 0.02 0.01 1.00 0.89 1.02 0.9 0.3 0.01 0.000 0.000	FTP EURO FT

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle, including RMCSET=ram mode cycle supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde; (Rev.: 2007-02-25)

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the split engine family standards under 13 CCR 1956.8(b) [diesel engines] or 13 CCR 1956.8(d) [OTTO engines] and the incorporated 40CFR 86.007-15(m)(9).

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels) and 13 CCR 2035 et seq. (emission control warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ______ day of December 2008.

Annette Hebert, Chief

Mobile Source Operations Division

Raphael Suonowitz